

**ABSTRACT OF THE DISCLOSURE**

An audio mixing circuit used in an audio mixing console includes an equalizer, a fader cascaded to the equalizer, a distance filter cascaded to the fader, and a pan circuit cascaded to the distance filter. The distance filter is configured to attenuate and increase an audio signal level of an input audio signal in an entire audio-frequency band and an audio signal level of a high-audio-frequency component extracted from the input audio signal, in a correlated manner. Thus, a natural transition of sense of distance can be adjusted with a simple operation without the need for adjusting three elements of the fader, equalizer and an AUX feed from the post-fader terminal at the same time.